

1. (currently amended) A computer-readable medium encoded with computer programs having executable instructions ~~software development system~~ for editing software applications that run on a data network which couples a server computer and a client computer, wherein the client computer runs a browser program, and whereupon request by the browser program, ~~an each~~ application generates generated documents for display by the browser program on a display device and responds to the request with the generated documents pages, comprising:

a page document generator program running at least part of one of the applications being developed by and generating the generated documents, said generated documents including additional editing features for interpretation by the browser program; and

an editor program directly dynamically operating on the generated documents pages displayed by the browser program via the editing features, ~~thereby allowing the user to work on a functional application during development.~~

6. (currently amended) A software development system for use in a data network which couples a server computer to a client computer, wherein the client computer includes a first software program for generating a request for one or more pages from the server computer and for displaying pages on a display device, and wherein the server computer includes a second software program for receiving and processing the request from the client computer, for generating and storing pages, and for transmitting pages to the client computer in response to requests, the server computer further comprising:

a data store,

a plurality of components residing in the data store, including at least one selected component ~~that reacts interactively on user input by executing instructions contained in~~ said selected component on the server;

a plurality of page templates residing in the data store, at least one page template having at least one selected component incorporated therein; and

a server processor controlled by a third software program, said program providing instructions for selecting a page template based on the request from the client computer

and instructions for generating a page from the page template for transmission to the client computer; and

a component editor controlled by a fourth software program, said fourth software program providing instructions for dynamically editing selected components on a page template.

9. (withdrawn).

16. (withdrawn).

22. (currently amended) A computer-readable medium encoded with computer programs having executable instructions ~~computer running an application to develop edit~~ and maintain applications using a web browser, comprising:

an editor program operable within the web browser and having instructions for dynamically inserting, deleting, and modifying components on document templates; and

a document generator program having instructions for processing document templates, for executing components, and for generating documents from the document templates that are understandable by the web browser.

26. (currently amended) A system having a server computer in a data network which couples the server computer to a client computer, the server computer running an application to modify documents on a ~~the server computer in a data network which couples said server computer to a client computer,~~ the server computer comprising:

a document store;

a first software program including instructions for transforming at least one first document retrieved from the document store into a second document having features which permit dynamic editing of the first document such that at least a part of the second document appears and functions similar to the first document; and

a second software program including instructions to receive information from the client computer and instructions to modify the first document stored in the document store.

34. (withdrawn).

51. (currently amended) A system having at least one computer running an application for editing components on web document templates for use with a first software program including first instructions for generating a document request to obtain at least one generated document from a second software program and for displaying the generated document, the second software program capable of receiving and processing the document request and of transmitting first documents to the first software program in response to requests, said system comprising:

a plurality of components containing instructions to generate browser code,

a plurality of document templates,

the second software program transmitting, while processing selected requests, second documents to the first software program that make the first software program display a user interface for editing functions used for maintaining components on document templates, and

a third software program used by the second software program while processing selected document requests, the third software program including third instructions for dynamically modifying document templates in order to dynamically perform said editing functions.

59. (currently amended) A software development system having at least one computer running an application for developing dynamic web documents, said dynamic web documents operating by being transformed into an end user's view upon a request by a web browser, the end user's view being provided to the browser for display on a display device in response to the request, comprising:

an editor program having instructions for dynamically editing dynamic web documents,

a document generator program having instructions for generating generated documents from dynamic web documents which look and function similar to the end user's view of the documents,

the editor program comprising first instructions for requesting that the document generator program ~~to processes~~ a dynamic web document during editing ~~leading to~~ thereby resulting in a generated document,

the system further comprising second instructions for displaying at least some information items contained on said generated document in a view which allows the user to select an item to which a modification function will be applied,

the editor program further comprising third instructions to modify the dynamic web document to perform said modification function.

74. (currently amended) A ~~software development system~~ having at least one computer running an application for developing document templates that are intended for transformation into generated documents for display by a first software program, the first software program including first instructions for generating a document request to obtain at least one generated document and for displaying the generated document on a display device, comprising:

a plurality of components, ~~that include~~ having instructions to generate browser code for transmission to the first software program,

an editor program having instructions for dynamically ~~capable of~~ performing edit functions to maintaining components on document templates, the components having the ability ~~capable to~~ cooperate with the editor,

a plurality of document templates having said components denoted thereon, and

a document generator program having ~~comprising second~~ instructions to, upon document requests, generate generated documents from at least one document template for display by the first software program wherein the set of components on the generated documents can vary for different document requests for said document template.

90. (currently amended) A system having at least one computer running an ~~An~~ editor program for use with a web browser, the editor program having instructions for allowing the user to dynamically edit at least one document displayed by the browser on a display device, wherein scripts contained in said document remain functional running during editing, the editor program further including a first software program for

execution within the browser ~~and~~ having instructions for processing selected clicks on the view of said document displayed in the browser by initiating editing functions .

97. (withdrawn).

114. (currently amended) A system for displaying dynamically generated documents in a data network coupling a server computer to a client computer, wherein the client computer has a first software program including first program instructions for generating a request to obtain at least one generated document from the server computer and for displaying the generated document on a display device, comprising:

a plurality of components having instructions for execution on the server, at least one of the components including first features adapted to cooperate with an editor in dynamically editing said component and second program instructions to generate browser code, and

a third program having instructions on the server for, based on the data contained in a request initiated by the client computer, dynamically generating generated documents for transfer to the client computer based on the data contained in a request initiated by the client computer, thereby calling using second program instructions of selected components.

125. (previously amended) A method for dynamically editing an application that is built using components and that operates by generating documents comprising the steps of:

running at least part of the application, thereby executing selected components and generating a generated document,

displaying a view of the generated document,

selecting a component by clicking on selected portions of said view,

identifying the selected component in the source code of the application, and

initiating a modification function modifying the source code of the application.